Land Uses Residential



Side Yard Brooklyn NY

Commercial



Bio retention Pennsylvania Ave

Municipal



Infiltration Planter NYC

STORM WATER

Did you Know?

Urbanization and increase in impervious cover areas are significant threats to the protection of high quality drinking water sources and aquatic habitats.

References and Additional Resources

- gi brochure 508 compliant.pdf

- http://www.binghamton-ny.gov/illicit-discharge-detection-and-elimination

City of Binghamton



38 Hawley Street City Hall, 4th Floor Department of Planning, Housing, and Community Development Binghamton, NY 13901

Phone: 607-772-7028 Fax: 607-772-7063

web: http://www.binghamton-ny.gov/green-infrastructure

City of Binghamton Informational Brochure

BIOSWALES

VEGETABLE SWALES / DRY SWALES



Bioswales

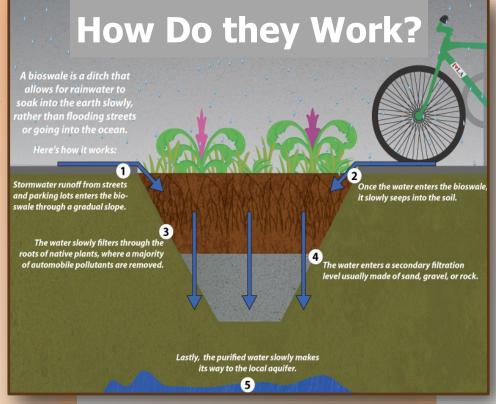
A bioswale is a linear, vegetated ditches which allow for the collection, conveyance, filtration and infiltration of stormwater. They can also be referred to as "grass swales," "vegetated swales," or "filter strips."

They are planted with deeprooted native grasses and plants that enhance infiltration, cooling, and cleansing of water in order to improve water quality.

> Ch. 227 Erosion Control and Stormwater Management

The City of Binghamton offers two grant opportunities to Binghamton residents and business owners interested in implementing green infrastructure projects:

- 50/50 Stormwater Management Fund
- Green Stormwater & Landscaping Matching Fund



Consideration for Design

When designing a bioswale, it is best to seek expert guidance. The main elements to consider are:

- Slope Make sure the bioswale is shallow enough to slow down the water so that it absorbs into the soil, but steep enough to keep water from stagnating.
- Width How much space do you have? The wider the bioswale, the more water absorbed.
- Location As enticing as the bioswale will appear, people should be educated on its use and taught to avoid walking in its pathway.
- Native plants Your landscape should situate plants according to how much water they need – the thirsty plants should be placed in the area that will receive the most water.